



03500.017566

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
MOTOKAZU KOBAYASHI, ET AL. ) Examiner: Not Yet Assigned  
Application No.: 10/665,422 ) Group Art Unit: Not Yet Assinged  
Filed: September 22, 2003 )  
For: METHOD FOR MANUFACTURING )  
PIEZOELECTRIC FILM, )  
PIEZOELECTRIC ELEMENT )  
AND INK JET RECORDING HEAD ) : November 24, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed Japanese documents and a copy of the listed article are enclosed. Copies of the listed U.S. patents are not enclosed, since the Patent Office has waived the requirement under 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent for applications filed after June 30, 2003.

The article is discussed at page 1 of the specification. The Japanese documents are discussed at page 3 of the specification, and an English-language abstract for each of the Japanese documents is enclosed.

The Examiner's attention is also directed to the following U.S. applications:

<u>Application No.</u>	<u>Filing Date</u>	<u>Group Art Unit</u>	<u>Attny. Docket No.</u>	<u>Applicant(s)</u>
10/665,429	September 22, 2003	Not Yet Assigned	03500.017562	M. Kubota M. Kobayashi H. Suzuki F. Uchida C. Shimizu K. Maeda
10/665,571	September 22, 2003	Not Yet Assigned	03500.017563	S. Eritate M. Kobayashi M. Kubota F. Uchida C. Shimizu K. Maeda
10/665,572	September 22, 2003	Not Yet Assigned	03500.017565	M. Kobayashi M. Kubota S. Eritate F. Uchida C. Shimizu K. Maeda

A copy of each of these U.S. applications is enclosed.

FORMAL MATTERS

In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits of the subject application has not yet been issued, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is believed to be required for consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that the enclosed Form PTO-1449 be returned with the next official communication indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

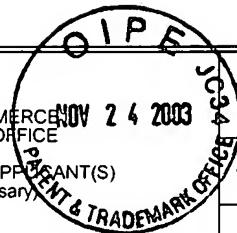
  
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Submitted to PTO: November 24, 2003



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APPLICATION NO.

10/665,422

APPLICANT

MOTOKAZU KOBAYASHI ET AL.

FILING DATE

September 22, 2003

GROUP

Not Yet Assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,382,775 B1	05/07/02	Kubota et al.	347	62	
	6,331,259 B1	12/18/01	Ozaki et al.	216	27	
	6,277,294 B1	08/21/01	Ozaki et al.	216	27	
	6,391,527 B2	05/21/02	Yagi et al.	430	313	
	6,436,301 B1	08/20/02	Hiroki et al.	216	27	
	6,474,780 B1	11/05/02	Kubota et al.	347	45	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	9-92897	04/04/97	Japan			Abstract
	10-139594	05/26/98	Japan			Abstract
	10-290035	10/27/98	Japan			Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	C. V. R. Vusant Kumar, et al., "Lead Zirconate Titanate Films by Rapid Thermal Processing," Appl. Phys. Lett., vol. 58, no. 11, March 18, 1991, pp. 1161-1163.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.